

Concur Expense: Workflow – Cost Object Approval Setup Guide

Last Revised: January 2, 2019

Applies to these SAP Concur solutions:

- Expense
 - Professional/Premium edition
 - Standard edition

- Travel
 - Professional/Premium edition
 - Standard edition

- Invoice
 - Professional/Premium edition
 - Standard edition

- Request
 - Professional/Premium edition
 - Standard edition

Table of Contents

- Section 1: Permissions1**
- Section 2: Workflow Guides1**
- Section 3: Overview1**
 - Benefits of Using Cost Object Approval2
 - Level-Based Approvals and Limit-Based Approvals2
 - Example of Level-Based Approval3
 - Example of Limit-Based Approval4
- Section 4: How Level-Based Cost Object Approvals Work4**
 - Approver Action – Approved5
 - Approver Action – Return to the Employee5
 - Approver Action – Changes that DO NOT Affect the Cost Object, the Cost Object Amount, or the Report Total6
 - Approver Action – Changes that Affect the Cost Object, the Cost Object Amount, or the Report Total6
 - Example – Change in Amount7
 - Example – Change in Cost Object8
- Section 5: How Limit-Based Cost Object Approvals Work9**
 - Approver Action – Approved (NOT Using Cost Object Direct Approval) 10
 - Approver Action – Approved (Using Cost Object Direct Approval) 10
 - Approver Action – Return to the Employee 11
 - Approver Action – Changes that DO NOT Affect the Cost Object, the Cost Object Amount, or the Report Total 11
 - Approver Action – Changes that Affect the Cost Object, the Cost Object Amount, or the Report Total 11
 - Example – Change in Amount 11
 - Example – Change in Cost Object 12
- Section 6: Important!12**
- Section 7: User Experience13**
- Section 8: Approver Experience13**
 - Filtering the COA View for the Approver 15
 - Viewing the Cost Object Total for the Current Approver 16
- Section 9: Processor Experience17**
- Section 10: Additional Scenarios and Conditions17**
 - Cascading Copy Down 17

Delegates.....	17
Automatic Approval and COW Exception if Approver is Report Originator.....	17
Report Recall	18
Additional Approver and Workflow Situations	18
Additional Error Handling	22
Limit Approval, Expense Processor	23
Section 11: Configuration	24
Basic Steps	24
Step 1: Define the Cost Object Approver Hierarchy	24
Step 2: Activate the Feature.....	25
Step 3: Edit the Workflow Steps.....	26
Step 4: Assign the Proper Rights to Users	27
Employee Import	27
User Administration	27
Authorized Approvers Tab in Workflows	29

Revision History

Date	Notes / Comments / Changes
September 17, 2022	Removed pre-Next Gen UI screenshots
January 7, 2021	Updated the copyright; added Concur to the cover page title; cover date not updated
April 9, 2020	Renamed the Authorization Request check box to Request on the guide's title page; cover date not updated
January 2, 2020	Updated the copyright; no other changes; cover date not updated
January 2, 2018	Added the following clarification note to the <i>Approver Action – Changes that Affect the Cost Object, the Cost Object Amount, or the Report Total</i> section: "To be clear, this is true for approver actions and is not true for updates made by validation rules as these do not update/reset the workflow."
July 24 2018	Clarified that a limit must be set for an approver in order to be included, and not ignored, in a limit-based configuration
April 4 2018	Changed the check boxes on the front cover; no other changes; cover date not updated
March 22, 2018	Added the <i>Cascading Copy Down</i> topic to the <i>Additional Scenarios and Conditions</i> section.
February 20 2018	Updated guide name in references to the <i>Shared: Employee Import Specification</i> guide.
January 9 2018	Updated the copyright; no other changes; cover date not updated
September 19 2017	Added the section: <i>Limit Approval, Expense Processor</i> .
July 26 2017	Corrected reference (Approver E to Approver F) in third bullet of Example #2 – Cost object of \$4000 with Cost Object R&D-DEV-EXP
March 27 2017	Added a note: "For an unlimited approval amount, leave blank (NULL). To include an approver in the COA approval chain so they can see/approve a report, but not allow signing authority for any amount in the cost center, enter zero (0)."
February 15 2017	Updated guide to clarify that: <ul style="list-style-type: none"> • An approver acting as a delegate will see the report they submit auto-approved and a COW exception generated • Best practice is to set single approver for each Cost Object level
December 14 2016	Changed copyright and cover; no other content changes.
December 9 2016	Updated the guide content to new corporate style; no content changes.
November 4 2016	Clarified the Recall to Processor functionality when COA or Budget object (step) is included in the workflow.
July 8 2016	Updated the graphic of the Settings tab to reflect that the settings Display expense report approval links to approvers on My Concur and Display cash advance approval links to approvers on My Concur have been relabeled Display Approve button on Approvals page .
August 14 2015	Added information about the Approvals page.

Date	Notes / Comments / Changes
July 10 2015	Removed references to the current UI; made general updates to the content
September 24 2014	Added information about two user interfaces; no other content changes.
August 8 2014	Updated <i>Level-Based Approvals</i> and <i>Limit-Based Approvals</i> .
April 15 2014	Changed copyright and cover; no other content changes
February 7 2014	Blocking exceptions that will <i>not</i> prevent approval of a report under COA when the <i>Can exit step with blocking exceptions</i> options is selected (enabled) are now listed under <i>Additional Error Handling</i> .
March 22 2013	Include notes reminding that a time-out action will always result in moving to the next step in COA workflow – there is no support any other action under time out.
February 22 2013	A new setting is added to the Settings tab that filters out non-COA items to the COA user, letting them see only what items they are responsible for.
December 28 2012	Made rebranding and/or copyright changes; no content changes
November 21 2012	Removed information about NOT using the hierarchy Added information about the Cost Object Approver List tab in Workflows
October 1 2012	Clarification of the Cost Object Direct Approval feature
August 27 2012	Limit-based Cost Object Workflow now supports direct routing to approver with correct limit amount for the cost object being approved
January 20 2012	Added note that the ability to recall a report to the previous processor step in workflow is not available in cost object approval workflow
May 13 2016	Updated instances of he/she to they.
February 25 2011	Workflow configuration moved from the <i>classic</i> user interface to the <i>current</i> user interface in January and February
December 31 2010	Updated the copyright and made rebranding changes; no content changes
February 19 2010	Added section at end of document detailing differences in COA between the Expense and the Invoice products
December 2009	Changed to stand-alone setup guide; no content change
September 18 2009	Added note - Approver may receive several requests to approve Cost Objects within the same payment request.
August 14 2009	Added a reminder that the cost object approval applies to the expense report workflow; it does not apply to authorization request or cash advance workflows
April 17 2009	Initial publication

Workflow – Cost Object Approval

Section 1: Permissions

A company administrator may or may not have the correct permissions to use this feature. The administrator may have limited permissions, for example, they can affect only certain groups and/or use only certain options (*view* but not *create* or *edit*).

If a company administrator needs to use this feature and does not have the proper permissions, they should contact the company's Concur administrator.

Also, the administrator should be aware that some of the tasks described in this guide can be completed only by Concur. In this case, the client must initiate a service request with Concur Client Support.

Section 2: Workflow Guides

Refer to these guides when configuring and maintaining workflows.

Setup Guide	Description
<i>Expense: Workflow - General Information</i>	Read this guide for general information about expense and cash advance workflows.
<i>Expense: Workflow - Authorized Approvers</i>	Read this guide if the company uses authorized approvers but only after reading the <i>Expense: Workflow - General Information Setup Guide</i> .
<i>Expense: Workflow - Cost Object Approvals</i>	Read this guide if the company uses cost object approvals but only after reading the <i>Expense: Workflow - General Information Setup Guide</i> . NOTE: Cost object approvals apply only to expense workflows – not cash advance workflows.

Section 3: Overview

⚠ IMPORTANT: Cost object approval applies to the expense report workflow. It does not apply to cash advance workflows.

The Cost Object Approval feature allows clients to define a special, more granular workflow step for its accounting-related data. For example, in the current environment, an expense report moves through a defined (generally hierarchical) workflow process. With the cost object approval feature, the report can move through separate client-defined workflows simultaneously.

For example, assume that the client defines cost object approval by cost center. Further assume that an expense report contains expenses that are assigned to two different cost centers – Sales and Training. When the report is submitted, it goes through a Training workflow and a Sales workflow *at the same time*.

NOTE: The Split Report Approval functionality is not available to Cost Object Approvers.

Benefits of Using Cost Object Approval

The benefits of using the cost object approval feature include:

- **Budget ownership:** The approval process specifically aligns with the affected budget. In the example described above, each affected cost center has the opportunity to review the entire report and approve, partially approve, or reject the portion allocated to its budget.
- **Parallel processing:** Each affected cost center is reviewing the expense report at the same time. This can save a tremendous amount of time, resulting in faster reimbursement for the employee.

Certain changes made by any of the approvers (described in detail later in this document) cause the expense report to go through the approval process again. This way, all approvers can review any changes – ensuring control, compliance, and visibility for all affected cost centers.

Level-Based Approvals and Limit-Based Approvals

A cost object approval step can be based on either:

- **Level:** This type of approval is defined by each approver's sequential position in the approval process. The cost object moves from one level to the next to the next – all the way to the end of the process. For example, it moves from a junior manager to a senior manager to the company CFO.
- **Limit:** This type of approval is based on the amount that an approver is authorized to approve (also known as *signing authority*). The cost object starts with the first approver, moving from one level to the next. It stops when it reaches an approver who has an approval limit *equal to or greater than* the cost object amount. Note that a limit must be defined for the approver to allow them this functionality.

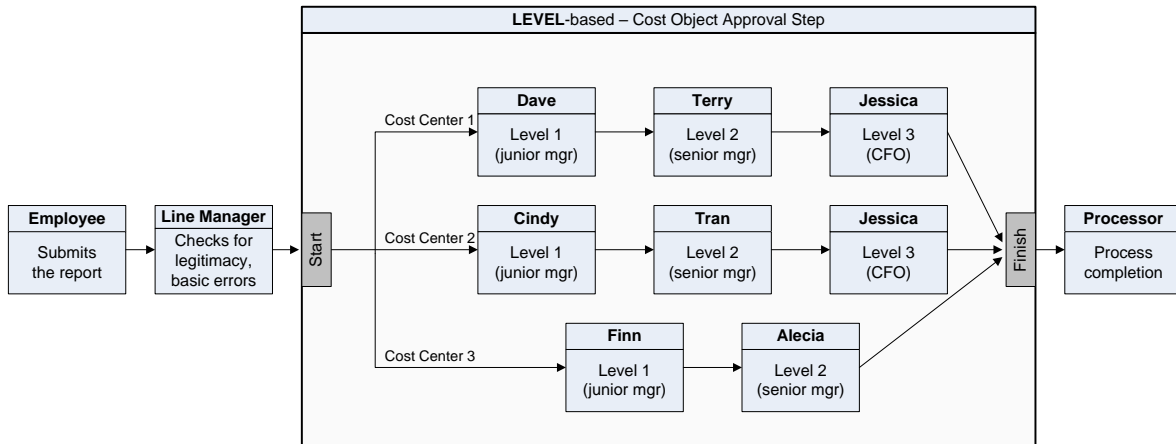
There is a second limit-related option: *Cost Object Direct Approval*. Using this option, the cost object might not start at the first approver and might not go to the end – instead, it goes *directly* to the approver with the correct approval limit. In other words, the cost object's first and only stop is with the approver who has the correct limit.

NOTE: In some workflows, the Cost Object approver may have already approved the expense report as a manager. In this case, when the report reaches the Cost Object Approval step, it skips the step. The manager does not have to approve the same report twice.

In the examples on the following pages, assume that the **Cost Center** field has been defined by the client as the cost object.

Example of Level-Based Approval

Simple *level*-based cost object approval step:



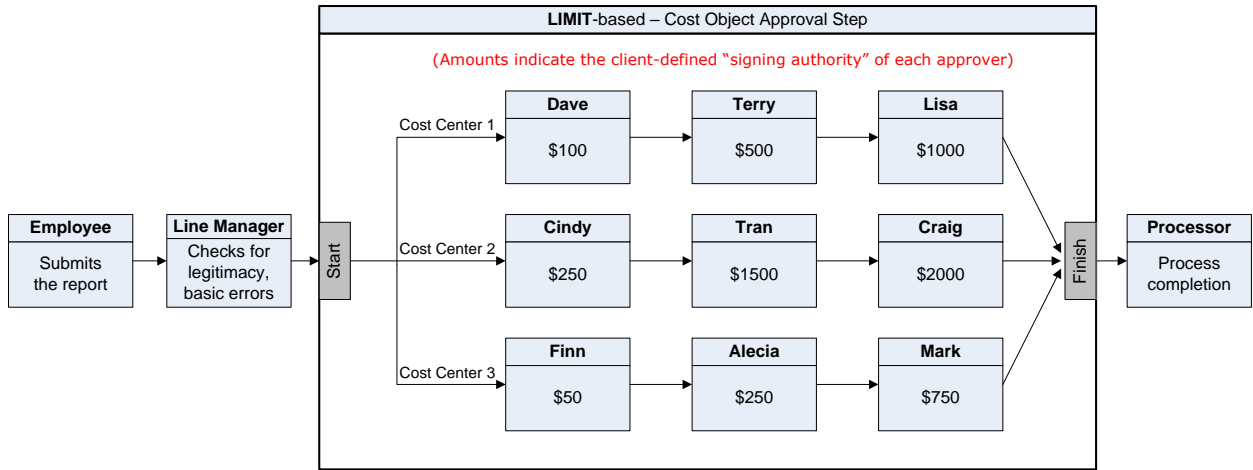
This example shows a simple workflow – from employee to the line manager to the cost object approval step to the processor.

A client can have **only one** cost object approval step in a workflow; however, the following are client-configurable:

- The number and placement of steps before and after the cost object approval step.
- The levels within the cost object approval step, which can even differ by cost center. In this example, Cost Center 1 and 2 have three levels of approvals; Cost Center 3 has two.

Example of Limit-Based Approval

Simple *limit*-based cost object approval step:

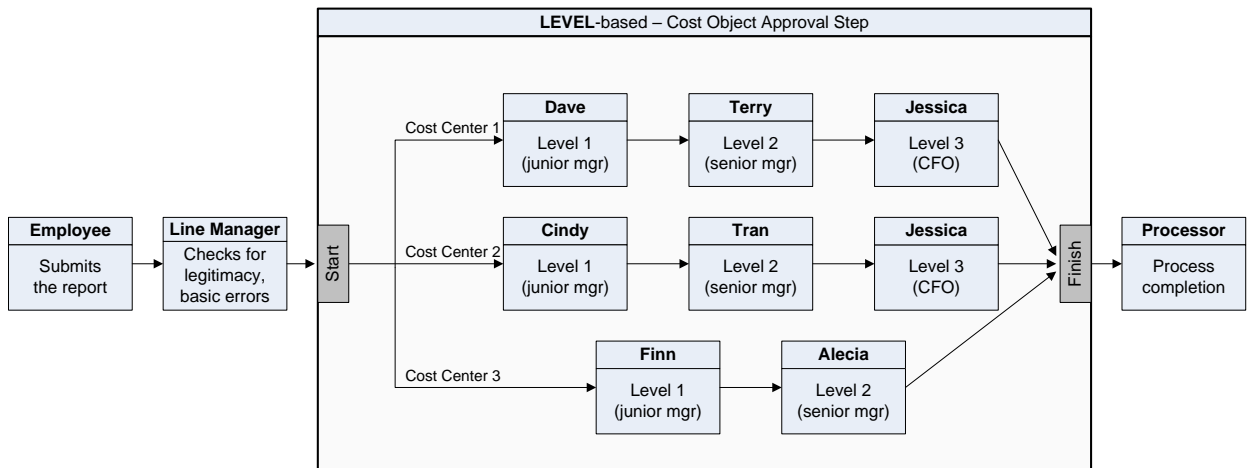


In this example, all of the cost centers have three approvers. Just like level-based approvals:

- There can be only **one** cost object approval step.
- The steps before and after are client-configurable.
- The limits and number of approvers within the cost object approval step are client-configurable.
- A limit must be defined, or the approver is ignored by the system.

Section 4: How Level-Based Cost Object Approvals Work

The following set of examples is based on this level-based cost object approval step.



The table below lists the expenses on an expense report. The expenses are assigned to three cost centers.

Approver Action – Approved

The last column shows the flow through the cost object approval step if all approvers approve the expenses without changes.

Cost Center	Amount (USD)		Flow in the cost object approval step...
	Expenses	Total	
1	75.00	975.00	Dave → Terry → Jessica → finish
	200.00		
	700.00		
2	150.00	150.00	Cindy → Tran → Jessica → finish
3	100.00	215.00	Finn → Alecia → finish
	115.00		

NOTE: Remember, for level-based cost object approvals, the amount does not matter; the cost object starts at the first level and stops at every level until it reaches the end.

Approver Action – Return to the Employee

If any of the approvers return the report (Send Back to Employee), then:

- All workflow instances are terminated (even though the other cost centers may not actually be affected).
- The approver who initiated the action is required to provide a comment, which is visible to all other approvers.
- The action is logged in the Audit Trail.
- The report is returned to the employee.
- The process starts again – starting with the employee.

Approver Action – Changes that DO NOT Affect the Cost Object, the Cost Object Amount, or the Report Total

If any of the approvers make any other changes to the report but those changes **do not** affect the cost object, the cost object amount, or the report total and then the approver clicks **Approve**, the report moves to the next step in the process (same as *Approver Action – Approved*).

Approver Action – Changes that Affect the Cost Object, the Cost Object Amount, or the Report Total

The cost object approval step is restarted if any of the approvers:

- Change the cost object (for example, change the **Cost Center** field)

NOTE: To be clear, this is true for approver actions and is not true for updates made by validation rules as these do not update/reset the workflow.

- Change the amount of any of the expenses that make up the cost object
- Reduce or reject an expense amount (even by marking any or all of an expense as personal), which affects the report total

NOTE: This sample assumes that the client configuration allows the approver to change the cost object field and/or amounts. In some configurations, approvers cannot change this type of information; they can either approve the expense report "as is" or return it "as is" to the employee.

For example, assume that Terry (second approver in Cost Center 1) changed the cost center or amount. Then:

- All workflow instances are terminated (even though the other cost centers may not actually be affected).
- The approver who initiated the action is required to provide a comment, which is visible to all other approvers.
- The action is logged in the Audit Trail.
- The system recalculates the report totals if applicable.
- The report returns to the start of the cost object step.
- The cost object approval step starts again.

NOTE: If the approver changes an amount, a cost object, or the report total, the report is **not** routed again to that approver, unless additional changes are made by other approvers.

Example – Change in Amount**EXAMPLE #1**

Assume that we started with these cost centers, amounts, and approvers:

Cost Center	Amount (USD)		Flow in the cost object approval step...
	Expenses	Total	
1	75.00	975.00	Dave ➔ Terry ➔ Jessica ➔ finish
	200.00		
	700.00		
2	150.00	150.00	Cindy ➔ Tran ➔ Jessica ➔ finish
3	100.00	215.00	Finn ➔ Alecia ➔ finish
	115.00		

Then, Terry (second approver in Cost Center 1) reduced the 200.00 expense to 100.00. The cost object step approval starts over.

The new cost object approval step would look like this:

Cost Center	Amount (USD)		Flow in the cost object approval step...
	Expenses	Total	
1	75.00	875.00	Dave ➔ Jessica ➔ finish (Terry is bypassed this time because she initiated the change. For audit purposes, Terry still appears on the Approval Flow page.)
	100.00		
	700.00		
2	150.00	150.00	Cindy ➔ Tran ➔ Jessica ➔ finish
3	100.00	215.00	Finn ➔ Alecia ➔ finish
	115.00		

EXAMPLE #2

Assume that we started with these cost centers, amounts, and approvers:

Cost Center	Amount (USD)		Flow in the cost object approval step...
	Expenses	Total	
1	75.00	975.00	Dave ➔ Terry ➔ Jessica ➔ finish
	200.00		
	700.00		
2	150.00	150.00	Cindy ➔ Tran ➔ Jessica ➔ finish
3	100.00	215.00	Finn ➔ Alecia ➔ finish
	115.00		

Then, Cindy (first approver in Cost Center 2) reduces the \$150 expense to zero. The cost object step approval starts over.

The new cost object approval step would look like this:

Cost Center	Amount (USD)		Flow in the cost object approval step...
	Expenses	Total	
1	75.00	975.00	Dave ➔ Terry ➔ Jessica ➔ finish
	200.00		
	700.00		
3	100.00	215.00	Finn ➔ Alecia ➔ finish
	115.00		

Example – Change in Cost Object

Assume that we started with these cost centers, amounts, and approvers:

Cost Center	Amount (USD)		Flow in the cost object approval step...
	Expenses	Total	
1	75.00	975.00	Dave ➔ Terry ➔ Jessica ➔ finish
	200.00		
	700.00		
2	150.00	150.00	Cindy ➔ Tran ➔ Jessica ➔ finish
3	100.00	215.00	Finn ➔ Alecia ➔ finish
	115.00		

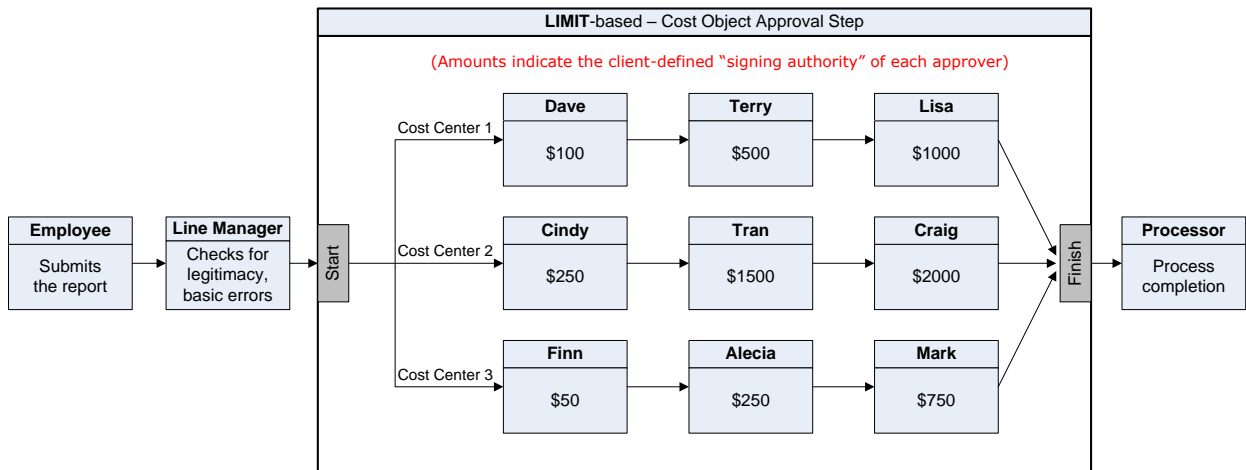
Then, Terry (second approver in Cost Center 1) changed the 200.00 expense by changing the cost center to Cost Center 3. The cost object step approval starts over.

The new cost object approval step would look like this:

Cost Center	Amount (USD)		Flow in the cost object approval step...
	Expenses	Total	
1	75.00	775.00	Dave → Jessica → finish (Terry is bypassed because she initiated the change. For audit purposes, Terry still appears on the Approval Flow page.)
	700.00		
2	150.00	150.00	Cindy → Tran → Jessica → finish
3	100.00	415.00	Finn → Alecia → finish
	115.00		
	200.00		

Section 5: How Limit-Based Cost Object Approvals Work

The following set of examples is based on this limit-based cost object approval step.



The table below lists the expenses on an expense report. The expenses are assigned to three cost centers.

Approver Action – Approved (NOT Using Cost Object Direct Approval)

The last column describes the flow through the cost object approval step if all approvers approve the expenses without changes. (Remember, when **not** using the Cost Object Direct Approval option, the cost object stops at each approver in the list until it reaches the approver with the correct limit.)

Cost Center	Amount (USD)		Flow in the cost object approval step...
	Expenses	Total	
1	75.00	975.00	Dave → Terry → Lisa → finish
	200.00		
	700.00		
2	150.00	150.00	Cindy → finish (Tran and Craig are bypassed)
3	100.00	215.00	Finn → Alecia → finish (Mark is bypassed)
	115.00		

NOTE: Remember, when **not** using the Cost Object Direct Approval option, the cost object stops at each approver in the list until it reaches the approver with the correct limit.

Approver Action – Approved (Using Cost Object Direct Approval)

The last column describes the flow through the cost object approval step if all approvers approve the expenses without changes **and** if the **Cost Object Direct Approval** option is configured. (Remember, with Cost Object Direct Approval, the cost object's first – and only – stop is with the approver who has the correct limit.)

Cost Center	Amount (USD)		Flow in the cost object approval step...
	Expenses	Total	
1	75.00	975.00	Lisa → finish (Dave and Terry are bypassed; Lisa has the correct limit so no other approvers are necessary)
	200.00		
	700.00		
2	150.00	150.00	Cindy → finish (Tran and Craig are bypassed; Cindy has the correct limit so no other approvers are necessary)
3	100.00	215.00	Alecia → finish (Finn and Mark are bypassed; Alecia has the correct limit so no other approvers are necessary)
	115.00		

Approver Action – Return to the Employee

The result is the same as for the *level*-based approval. Refer to that section of this guide.

Approver Action – Changes that DO NOT Affect the Cost Object, the Cost Object Amount, or the Report Total

The result is the same as for the *level*-based approval. Refer to that section of this guide.

Approver Action – Changes that Affect the Cost Object, the Cost Object Amount, or the Report Total

Example – Change in Amount

Assume that we started with these cost centers, amounts, and approvers:

Cost Center	Amount (USD)		Limits
	Expenses	Total	
1	75.00	975.00	Dave (100) Terry (500) Lisa (1000)
	200.00		
	700.00		
2	150.00	150.00	Cindy (250) Tran (1500) Craig (2000)
3	100.00	215.00	Finn (50) Alecia (250) Mark (750)
	115.00		

Then, Lisa (final approver in Cost Center 1) says the company will not reimburse the 200.00 and 700.00 expense and sets the approved amount to zero for these expenses. The cost object step approval starts over.

The new cost object approval step would look like this:

Cost Center	Amount (USD)		Flow in the cost object approval step...
	Expenses	Total	
1	75.00	75.00	Dave → finish (Terry and Lisa are bypassed)
	0		
	0		
2	150.00	150.00	Cindy → finish (Tran and Craig are bypassed)
3	100.00	215.00	Finn → Alecia → finish (Mark is bypassed)
	115.00		

Example – Change in Cost Object

Assume that we started with these cost centers, amounts, and approvers:

Cost Center	Amount (USD)		Limits
	Expenses	Total	
1	75.00	975.00	Dave (100) Terry (500) Lisa (1000)
	200.00		
	700.00		
2	150.00	150.00	Cindy (250) Tran (1500) Craig (2000)
3	100.00	215.00	Finn (50) Alecia (250) Mark (750)
	115.00		

Then, Terry (second approver in Cost Center 1) changed the 200.00 expense by changing the cost center to Cost Center 3. The cost object step approval starts over.

The new cost object approval step would look like this:

Cost Center	Amount (USD)		Flow in the cost object approval step...
	Expenses	Total	
1	75.00	775.00	Dave → Lisa → finish (Terry is bypassed because she initiated the change. For audit purposes, Terry still appears on the Approval Flow page.)
	700.00		
2	150.00	150.00	Cindy → finish (Tran and Craig are bypassed)
3	100.00	415.00	Finn → Alecia → Mark → finish (Mark is now included because the amount was increased.)
	115.00		
	200.00		

Section 6: Important!

If an expense is charged to the wrong cost center, an approver should consider the following when deciding when to return the report to an employee or to simply make the change (assuming the configuration allows the approver to make changes):


- If the approver knows the correct cost center, the approver can select the appropriate one. The expense report re-starts the cost object approval step again. The report is routed through the workflow of the affected cost center.
- If the approver does not know the correct cost center, the approver should return the expense report to the employee. The employee can make the appropriate changes and resubmit the report. The report will be routed through the workflow of the affected cost center.
- If the approver takes no action, the only time-out action that is supported within COA is to proceed to the *next* step.

Section 7: User Experience

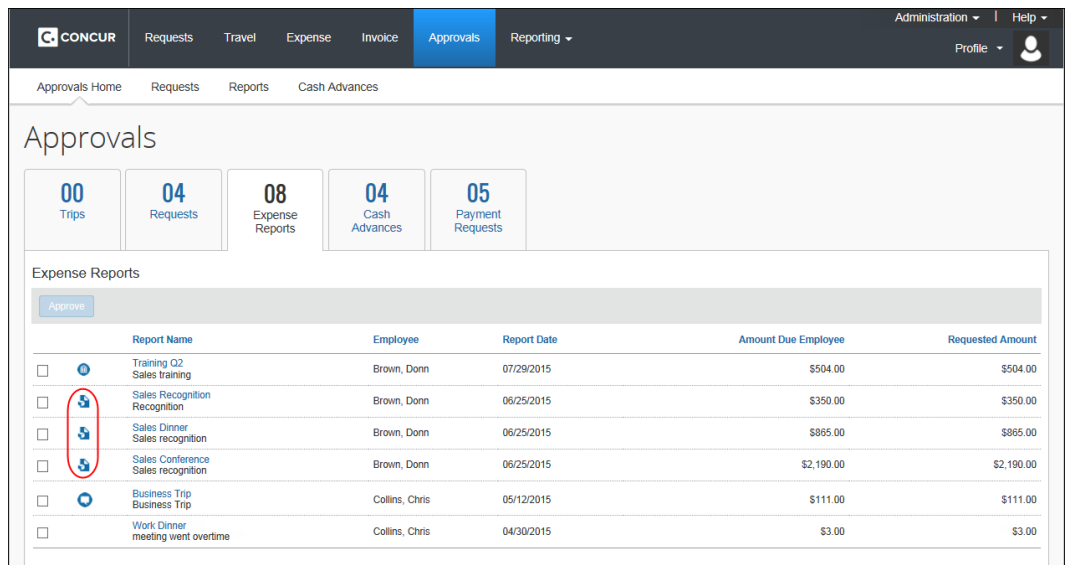
The user will see a new status in their list of expense reports. When the report is in the cost object approval step, the status *Pending Cost Object Approval* appears. The name of the specific approver does not appear.

The user can see the detailed information by opening the report and viewing the **Approval Flow** page.

Section 8: Approver Experience

The cost object icon  appears:

- On the **Approvals** page:



	Report Name	Employee	Report Date	Amount Due Employee	Requested Amount
<input type="checkbox"/>	Training Q2 Sales training	Brown, Donn	07/29/2015	\$504.00	\$504.00
<input type="checkbox"/>	Sales Recognition Recognition	Brown, Donn	06/25/2015	\$350.00	\$350.00
<input type="checkbox"/>	Sales Dinner Sales recognition	Brown, Donn	06/25/2015	\$885.00	\$885.00
<input type="checkbox"/>	Sales Conference Sales recognition	Brown, Donn	06/25/2015	\$2,190.00	\$2,190.00
<input type="checkbox"/>	Business Trip Business Trip	Collins, Chris	05/12/2015	\$111.00	\$111.00
<input type="checkbox"/>	Work Dinner meeting went overtime	Collins, Chris	04/30/2015	\$3.00	\$3.00

Section 8: Approver Experience

- In the **Expense List** section of the expense report:

Sales Dinner [Brown, Donn]

Summary Details Receipts Print / Email

Transaction D...	Expense Type	Enter Vendor...	Business Purp...	City	Payment Type	Amount	Adjusted Clai...
06/08/2015	Entertainment-Other		Sales recognition	Seattle, Washin...	Cash	\$550.00	\$550.00
06/08/2015	Gifts			Seattle, Washin...	Cash	\$300.00	\$300.00
06/08/2015	Parking			Seattle, Washin...	Cash	\$15.00	\$15.00

Report Summary

Report Totals	Amount Due Company	Amount Due Employee
	\$0.00	\$865.00

COST OBJECT APPROVED AMOUNT \$150.00

TOTAL AMOUNT \$865.00

TOTAL APPROVED \$865.00

NOTE: The entire report displays; however, only the entries with the icon must be reviewed by this approver. The remaining entries appear for information only.

- With the **Filter expenses to those that are applicable to Cost Object** setting filtering the view to only those objects the approver must approve (see *Filtering the COA View for the Approver*, next):

Sales Dinner [Brown, Donn]

Summary Details Receipts Print / Email

Transaction D...	Expense Type	Enter Vendor...	Business Purp...	City	Payment Type	Amount	Adjusted Clai...
06/08/2015	Gifts			Seattle, Washin...	Cash	\$300.00	\$300.00

Report Summary

Report Totals	Amount Due Company	Amount Due Employee
	\$0.00	\$865.00

COST OBJECT APPROVED AMOUNT \$150.00

Filtering the COA View for the Approver

Using a setting on the **Settings** tab of Workflow, the administrator can focus the COA approver's attention by filtering the view to only those objects they are responsible for, to show only relevant expenses on the expense list. This is done using the **Filter expenses to those that are applicable to Cost Object** setting.



Refer to *Expense: Workflow – General Information Setup Guide* for more information.

Viewing the Cost Object Total for the Current Approver

The **Expense List** shows a total for the cost objects pending that current approver at the bottom of the list and next to the report total field.

Sales Dinner [Brown, Donn]

Summary Details Receipts Print / Email

Transaction D...	Expense Type	Enter Vendor...	Business Purp...	City	Payment Type	Amount	Adjusted Clai...
06/08/2015	Entertainment-Other		Sales recognition	Seattle, Washin...	Cash	\$550.00	\$550.00
06/08/2015	Gifts			Seattle, Washin...	Cash	\$300.00	\$300.00
06/08/2015	Parking			Seattle, Washin...	Cash	\$15.00	\$15.00

Report Summary
Report Totals

Amount Due Company	Amount Due Employee
\$0.00	\$865.00

COST OBJECT APPROVED AMOUNT \$150.00 TOTAL AMOUNT \$865.00 TOTAL APPROVED \$865.00

The icon has a hover-over that lists each cost object and the total amount for that cost object.

Sales Dinner [Brown, Donn]

Summary Details Receipts Print / Email

Transaction D...	Expense Type	Enter Vendor...	Business Purp...	City	Payment Type	Amount	Adjusted Clai...
06/08/2015	Entertainment-Other		Sales recognition	Seattle, Washin...	Cash	\$550.00	\$550.00
06/08/2015	Gifts			Seattle, Washin...	Cash	\$300.00	\$300.00
06/08/2015	Parking			Seattle, Washin...	Cash	\$15.00	\$15.00

Report Summary
Report Totals

Amount Due Company	Amount Due Employee
\$0.00	\$865.00

Cost Objects Pending your Review

Cost Objects

Development (DEV): \$150.00

Total: \$150.00

COST OBJECT APP \$150.00 \$865.00 \$865.00

Section 9: Processor Experience

A processor can see the individual approvers and can identify where the cost object is in the cost object workflow step.

While the cost objects are in the cost object workflow step, the only action the processor can take when the report is within the cost object workflow step is to approve "as is" or return it to the employee.

If the processor approves the report:

- All cost object workflows are terminated.
- The report is advanced to the next regular workflow step.

If the processor sends the report back to the employee:

- All cost object workflow instances are terminated.
- The report is returned to the employee.

Section 10: Additional Scenarios and Conditions

Cascading Copy Down

Report Header → Expense Entry → Allocation Field (That is Part of CO Hierarchy)

Special handling is needed if the configuration copies down a value from the report header to the expense entry and then from the expense entry to the allocation, and that affected field in the allocation record is part of your cost object hierarchy. In this scenario, if the approver edits the field on the report header, the outcome of a changed field on the allocation record will **not** reset the cost object approval workflow.

SAP Concur recommends that report header fields not be editable by the approver. This best-practice configuration would require the approver to edit each individual expense entry or allocation record to make a change, but would result in proper handling of the cost object workflow.

Delegates

The delegate approver acting on behalf of the assigned approver will use the level or limit rights assigned to the original approver rather than their own values.

Automatic Approval and COW Exception if Approver is Report Originator

If a cost object approver submits a report while acting as a delegate of an employee, the report will be automatically approved in the cost object workflow step for that approver since Concur does not ever permit the report originator to share approval privileges for that same report. However, the cost object workflow will create and log

the COW exception code whenever it encounters a cost object and level associated with an approver who also submitted the report.



Refer to the section *Additional Error Handling* in this document for more information about exceptions.

SYSTEM CHOICE LOGIN WHEN MULTIPLE APPROVERS EXIST

Note that if there are multiple cost object approvers configured for the identical cost object and level, there is no guarantee the system will differentiate and then select an approver based on the fact they created and submitted the report.

Report Recall

The recall to processor option (activated via **Workflow > Settings**) does not function if a COA or Budget object (step) is included in the workflow. Under this condition, the **Recall to Processor** link is unavailable to the processor.

The screenshot shows the 'Workflows' configuration page. The 'Expense Report Settings' section contains the following options:

- Allow users to select their own approver for expense reports:
- Display Approve button on Approvals page:
- Prevent report submission when exception level exceeds: 98
- Allow processor to send a report back if report has not been extracted:
- Allow processor to recall a report to last processor step if report has not been extracted: (This option is circled in red in the image)
- Filter expenses to those that are applicable to Cost Object:

The 'Cash Advance Settings' section contains the following options:

- Allow users to select their own approver for cash advance requests:
- Display Approve button on Approvals page:

Additional Approver and Workflow Situations

Note the following:

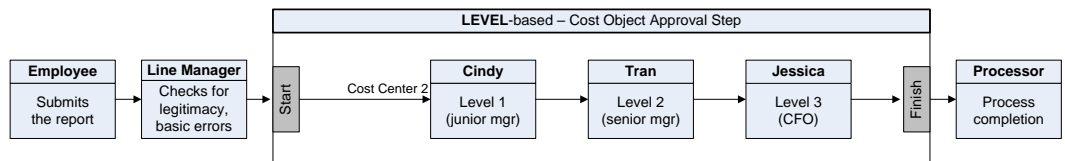
- If an approver is responsible for approving more than one Cost Object in a expense report they may be prompted more than once, and at different times, to complete the overall approval of the report. An icon next to the Cost Object aids the approver in determining the object they are responsible for approving.
- Any settings configured at the workflow level apply for the entire workflow, so you have to make the same choices for approval time out, email notifications etc. when both a default workflow and cost object workflow is used

- ◆ If approval time-out is ON, then it applies to all steps within the workflow, including cost object approval steps (of which there may be many). In practice, if a COA step times out, the cost object always moves to the next step *within* the COA step – this is the only action COA supports.
- ◆ If users are allowed to add ad-hoc approval steps, they will be able to do so within the cost object approval step once the report enters that step. The workflows for each cost object are not created until that point, so are not visible for additions.
- The *prompt for approver* setting has no affect within the cost object approval step.
- Email notifications and reminders work per usual.

- The **Approval Flow** page shows a single cost object step followed by a line for each cost object on the report, showing the viewer:
 - ◆ Who the report is currently pending (one or more employees)
 - ◆ Who the report is scheduled to be routed to

When the cost object workflow is concluded, it shows the final approver for that workflow. Each cost object can be expanded to show the details of that child cost object workflow.

- If a cost object field (for example, **Cost Center**) is not required and is left blank by the employee, then this expense moves through the workflow as if there was no cost object approval step.
- If all of the expenses on a report are assigned to the same cost object, the process still applies but there is only one path within the cost object approval step. For example, if all expenses on a reports are assigned to Cost Center 2, the workflow would look like this:



- Best practice is to assign a single approver for each cost object per level, but if multiple approvers with identical approval limit/levels are defined, Expense uses the first approver found in no particular order of search or otherwise.
- For limit-based approvals, if the highest approver limit within the cost object approval step cannot achieve limit approval for the object, then Expense will add additional approver steps by "walking up" the hierarchy to find the next available approver with a limit higher than the previous approver.

If the next level up has approvers but none have adequate limits, then Expense continues up until it finds an approver with the required limit.

Row	Approver	Limit	Department	Division	Cost Center
1	A	100	R&D	DEV	EXP
2	B	900	R&D	DEV	EXP
3	C	500	R&D	DEV	
4	D	750	R&D	DEV	
5	E	1000	R&D		
6	F	5000	R&D		

Example #1 – Cost object of \$1000 with Cost Object R&D-DEV-EXP:

- ◆ Expense first looks at the R&D-DEV-EXP node. It finds two approvers (A and B) and uses them.
- ◆ When all available approvers in that node have been used and the object is still not approved, Expense moves up to the next node. No approvers at R&D-DEV (C and D) have a limit higher than our last approver (B in R&D-DEV-EXP has \$900), so Expense does not use any approvers from this node.
- ◆ The object is not approved, so Expense moves up to the next node. The first approver found (approver E) for \$1000 is used. Since Expense is now able to get the object approved, Expense does not add any more approvers from this node.

- ◆ **Summary:** Expense uses these approvers:

A (\$100)
B (\$900)
E (\$1000)

Example #2 – Cost object of \$4000 with Cost Object R&D-DEV-EXP:

- ◆ Expense first looks at the R&D-DEV-EXP node. It finds two approvers (A and B) and uses them.
- ◆ When all available approvers in that node have been used and the object is still not approved, Expense moves up to the next node. No approvers at R&D-DEV (C and D) have a limit higher than our last approver (B in R&D-DEV-EXP has \$900), so Expense does not use any approvers from this node.

- ◆ The object is not approved, so Expense moves up to the next node. The first approver found (approver E) for \$1000 is used. Since the object is not yet approved, Expense uses the next approver (approver F). Now the object is approved so we do not add further steps.
- ◆ **Summary:** Expense uses these approvers:
 - A (\$100)
 - B (\$900)
 - E (\$1000)
 - F (\$5000)

Additional Error Handling

Note the following:

- **Blocking exception prevents approval of report:** When the Workflow setting *Can exit step with blocking exceptions* is selected (enabled) the system *will allow* approval of the report for the following exception code scenarios:
 - ◆ **COW** - One or more Cost objects could not be approved by the right authority (%costObjects%). The expense report has been moved to the next workflow step.
 - ◆ **CONOAPPR** - No approvers were found for cost object %costObjects%.
 - ◆ **BOW** - One or more Budget objects could not be approved by the right authority (%costObjects%). The expense report has been moved to the next workflow step.
 - ◆ **APPRVTO** - This report has been pending approval longer than allowed by policy. The report owner should contact their Approver for instructions before resubmitting. If you are not the owner but have been forwarded the report, follow the approval steps according to your policy - this may involve approving the report or assigning it to another Approver for further review.
 - ◆ **NOAPPR** - The previous step was skipped because the selected approver no longer has the approver role. Select another approver or contact the system administrator.
 - ◆ **SELFAPPR** - The previous step was skipped because the selected approver would be self-approving the report.
- **Invalid approver:** If an approver is designated for a step at workflow creation, it is possible that approver is no longer an appropriate choice when the report reaches that step. If the approver is no longer a valid approver at that point and if approver time-out is ON, the report will eventually time out and move to the next approver in the workflow (the only time-out action supported in COA).
- **Approver limit has changed:** If the limit (signing authority) of an approver changes, the report is marked as limit-approved based on the *current* limit in effect when the report is approved by that approver. The workflow step is not modified dynamically to find a different approver for the step.

- **Level approvers are not sequential:** If any gaps in the numerical level sequence for approvers at a specific cost object are found, an exception is created that a level has been skipped.
 - ◆ **Example #1:** Approvers are found with levels 1, 3, 4. Since the level 2 approver was not found, an exception is generated.
 - ◆ **Example #2:** For cost object A, approvers for levels 1, 2 and 3 exist. For cost object B, approvers for levels 1, 2, 3 and 4 exist. No exception is generated for either of these as there are no gaps in the sequence.
- **No approver found for level:** If no approver exists for a level in the hierarchy, there will be no step created in the cost object approval step for that level.
- **No approvers found for cost object:** If no approvers at all are found for a cost object, then no cost object approval step is created for that cost object and an exception is generated.
- **Cost object not approved:** If, for any reason, a cost object does not achieve approved status at the conclusion of the cost object approval workflow, a system exception is created during the termination step for cost object approval. This exception lists each cost object that did not meet approval requirements.
 - ◆ **Limits:** The exception is generated if, at the conclusion of the cost object workflow, the report has not been approved by any approver with limit authority.
 - ◆ **Levels:** The exception is generated if any level in the cost object approval step has been skipped due to time-out, missing approver, or any other reason.

Limit Approval, Expense Processor

An expense report will be limit approved when approved by a qualified Authorized Approver regardless of the step at which it is approved even if the Authorized Approver is acting as an Expense Processor and approving the report at an Expense Processor step. As long as the Expense Processor qualifies as the Authorized Approver, the report will be limit approved.

Section 11: Configuration

⚠ IMPORTANT: Cost object approvals apply to expense report workflow. It does not apply to cash advance workflows.

Each client can have only one cost object approval step in an expense report workflow and only one expense report workflow in a policy.

Basic Steps

The basic steps for configuring are listed below and then described *in detail* on the following pages.

Step 1: Define the Expense Cost Object Approver hierarchy:

- ◆ Set up the hierarchy.
- ◆ Create a connected (multi-level) list of the hierarchy levels.

Step 2: Activate the Cost Object Approver feature.

Step 3: Edit workflow steps if desired.

Step 4: Assign the proper rights to users.

Step 1: Define the Cost Object Approver Hierarchy

NOTE: This portion of the configuration requires permissions for the Feature Hierarchies section of Expense Admin.

Define the Cost Object Hierarchy (Administration > Expense > Feature Hierarchies) just like any other hierarchy, which may include importing a list.

Feature Hierarchies		
Feature Name	Source List	Feature Hierarchy
Employee (In Use)	Div-Dept-Region	1. Employee Org Unit 1-Division 2. Employee Org Unit 2-Department 3. Employee Org Unit 3-Region
Expense Authorized Approver	Div-Dept-Region	1. Employee Org Unit 1-Division
Expense Budget Approver		
Expense Cost Object Approver	Div-Dept-Region	1. Allocation Division 2. Allocation Department
Expense Reports (In Use)	Employee Groups	1. Employee Org Unit 1-Division 2. Employee Org Unit 3-Region
Invoice Payment	Div-Dept-Region	1. Request SelectProject 2. Request Custom 02
Invoice Routing		
Invoice Vendor Employee Access	VendorEmployeeAccess	1. Employee Choose Vendor Access Group
Payment Authorized Approver	Employee Groups	
Payment Cost Object Approver	connected	1. Request SelectProject 2. Request Custom 02 3. Request Custom 03



For more information about the hierarchy, refer to the *Shared: Feature Hierarchies Setup Guide*. For more information about lists, refer to the *Shared: List Management Setup Guide*.

Step 2: Activate the Feature

► To activate the feature:

1. Click **Administration** > **Expense** > **Workflows**.
2. To modify a workflow, on the **Workflows** tab, either:
 - ◆ Select the desired workflow and click **Modify**.
 - or –
 - ◆ Double-click the desired workflow.

The **General** page appears.

The screenshot shows the 'Workflows' configuration page in SAP. The 'General' tab is active. The 'Cost Object Hierarchy Type' dropdown menu is open, showing three options: 'None', 'Level', and 'Limit'. The 'Limit' option is highlighted. Other fields include 'Steps Can Be Added By' (Both Employee and Approver), 'Restrict Authorized Approver for' (All Employee-Editable steps), and various notification settings. The 'Submit Confirmation Agreement' and 'Approval Confirmation Agreement' fields are also visible.

3. In the **Cost Object Hierarchy Type** field, select the desired type: *Level* or *Limit*.
4. If you select *Limit*, the **Cost Object Direct Approval** check box appears. Select this check box to route the cost object *directly* to that approver with the required approval limit amount.

Cost Object Hierarchy Type: ▼

Cost Object Direct Approval:

5. Click **Next**. The **Steps** page appears (see next).

Step 3: Edit the Workflow Steps

When you activate the feature, Expense adds the new workflow step on the **Steps** page. You can reorder the steps, using the arrow icons, if necessary.

Workflows

Workflows | Expense Report Approval Statuses | Email Notifications | Confirmation Agreements | Authorized Approvers | Settings | Reason Category and Codes

1 General 2 Steps 3 Step Rules

New Modify Remove

Step Order	Step Name	Role
	Report Submitted	System
↓	Manager Approval	Expense Approver
↓ ↑	Cost Object Approval	Cost Object Approver
↑	Approval for Processing	Expense Processor
	Prepayment Validation	System
	Processing Payment	System

To make changes to the step:

1. Either:
 - ◆ Select the cost object approval step and click **Modify**.
– or –
 - ◆ Double-click the cost object approval step.
2. Make the desired changes.

Modify Workflow Step ✕

Step Name:	<input type="text" value="Cost Object Approval"/>
Role:	<input style="border-bottom: 1px solid #ccc;" type="text" value="Cost Object Approver"/> ▾
Initial Status:	<input style="border-bottom: 1px solid #ccc;" type="text" value="Pending Cost Object Approval"/> ▾
Approval Actions:	<input style="border-bottom: 1px solid #ccc;" type="text" value="Approve, Send Back to Employee"/> ▾
Email Employee when step is complete:	<input type="checkbox"/>
Can exit step with blocking exceptions:	<input checked="" type="checkbox"/>



For more information about editing workflows, refer to the *Expense: Workflow - General Information Setup Guide*.

3. Click **Save**.
4. Click **Done**.

Step 4: Assign the Proper Rights to Users

The company adds the proper authorized approver rights to users using:

- The employee import
- User Admin
– or –
- The **Authorized Approvers** tab in Workflows

Employee Import

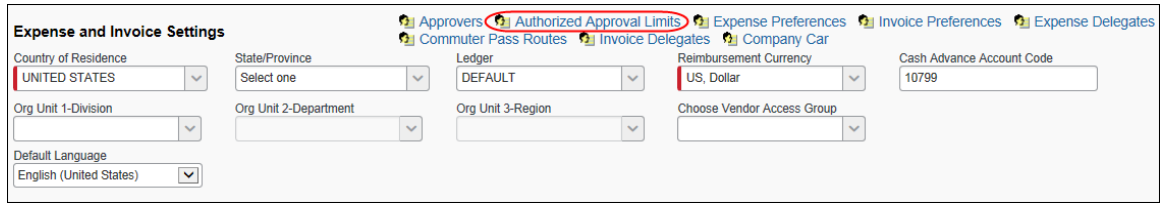


For information about the employee import, refer to the *Shared: Employee Import Specification*.

User Administration

When the Cost Object Approver feature is activated, the **Authorized Approval Limits** link appears in the **Expense and Invoices Setting** section in User Administration.

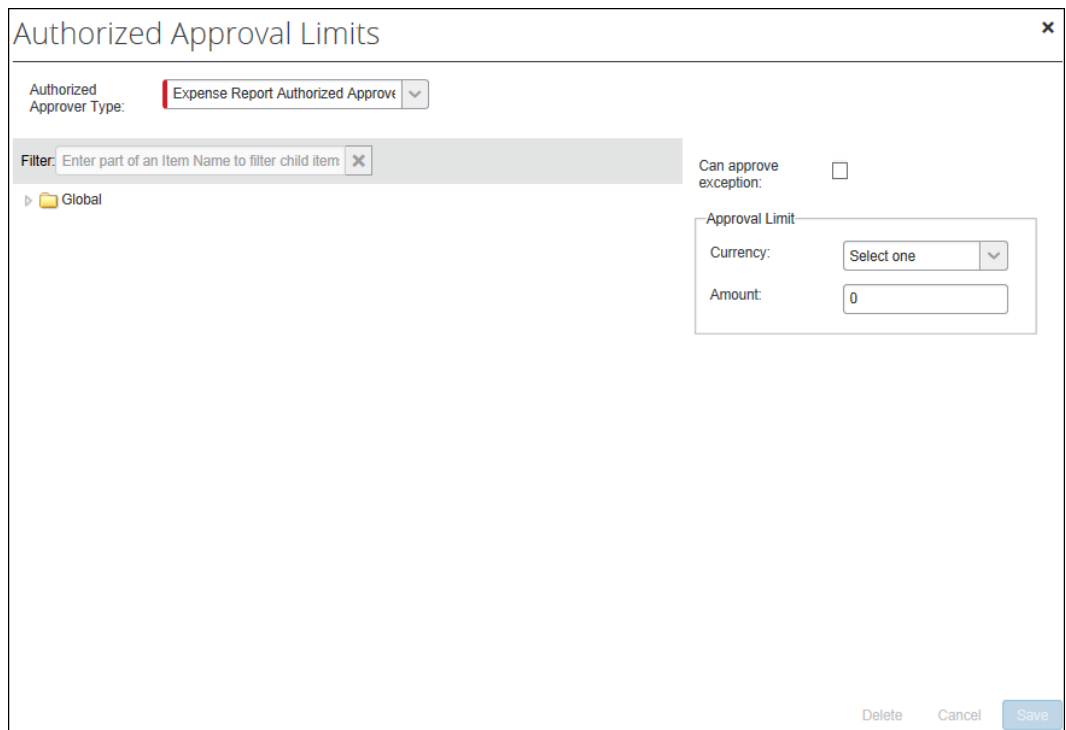
Section 11: Configuration



The image shows the 'Expense and Invoice Settings' configuration window. At the top, there are several navigation links: 'Approvers', 'Authorized Approval Limits' (highlighted with a red circle), 'Expense Preferences', 'Invoice Preferences', and 'Expense Delegates'. Below these links are several dropdown menus and input fields: 'Country of Residence' (UNITED STATES), 'State/Province' (Select one), 'Ledger' (DEFAULT), 'Reimbursement Currency' (US, Dollar), and 'Cash Advance Account Code' (10799). There are also fields for 'Org Unit 1-Division', 'Org Unit 2-Department', 'Org Unit 3-Region', and 'Choose Vendor Access Group'. At the bottom, there is a 'Default Language' dropdown set to 'English (United States)'.

► To assign the proper rights:

1. In the **Expense and Invoices Setting** section of User Administration, click the **Authorized Approval Limits** link. The **Authorized Approval Limits** window appears.



The image shows the 'Authorized Approval Limits' configuration window. At the top, there is a title bar with the text 'Authorized Approval Limits' and a close button. Below the title bar, there is a dropdown menu for 'Authorized Approver Type' set to 'Expense Report Authorized Approv'. There is a search filter field with the text 'Filter: Enter part of an Item Name to filter child item'. Below the filter, there is a tree view showing a folder named 'Global'. On the right side, there is a checkbox for 'Can approve exception:' which is unchecked. Below this, there is an 'Approval Limit' section with a 'Currency:' dropdown set to 'Select one' and an 'Amount:' input field containing '0'. At the bottom right, there are buttons for 'Delete', 'Cancel', and 'Save'.

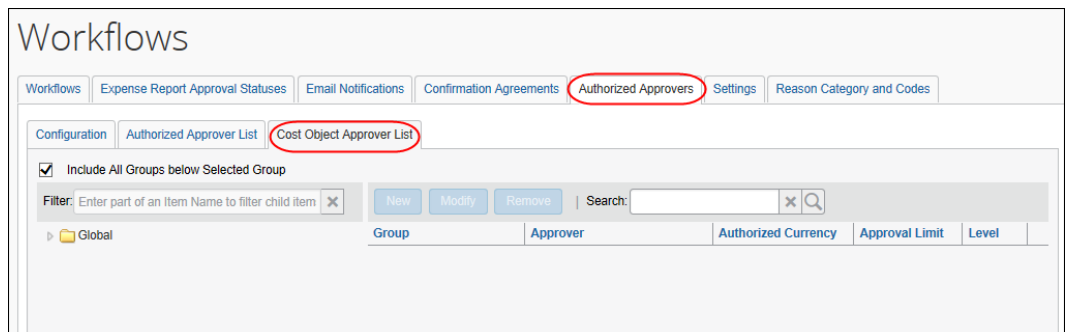
2. On the left side, select the appropriate level in the hierarchy.
3. On the right side:
 - ◆ For limit-based cost object approval, select a currency and enter an amount as follows:
 - **Blank (NULL):** No value allows the approval of the report for an unlimited amount
 - **Zero (0):** Prevents approval for a cost center at any amount by disallowing cost center-based signing authority to the approver
 - ◆ For level-based cost object approval, select a level.

NOTE: The cost object configuration defines the type – either limit or level. If you complete both areas in this window – the **Approval Limit** area and the **Level** field – Expense will use the one that applies to your configuration and ignore the other.

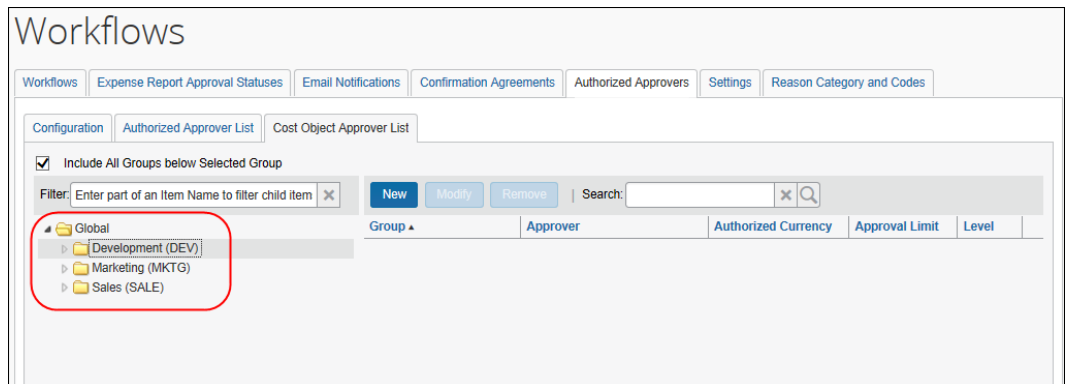
Authorized Approvers Tab in Workflows

▶ **To use the Cost Object Approver List tab:**

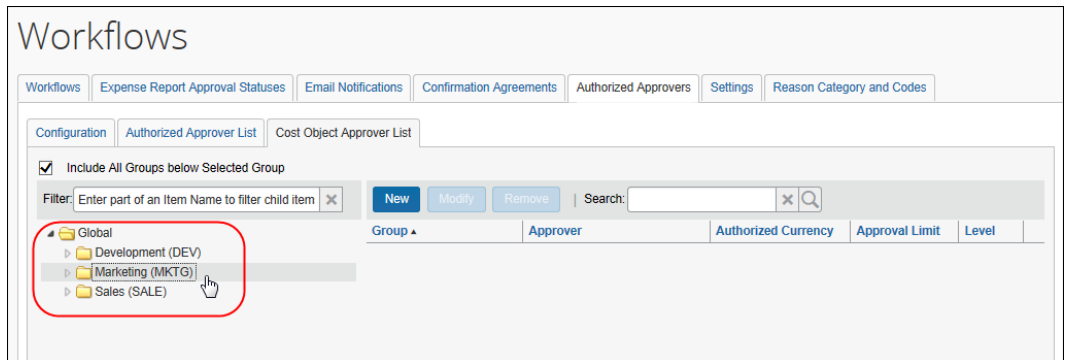
1. Click **Administration** > **Expense** > **Workflows** (left menu).
2. Select the **Authorized Approvers** tab.
3. Select the **Cost Object Approver List** tab.



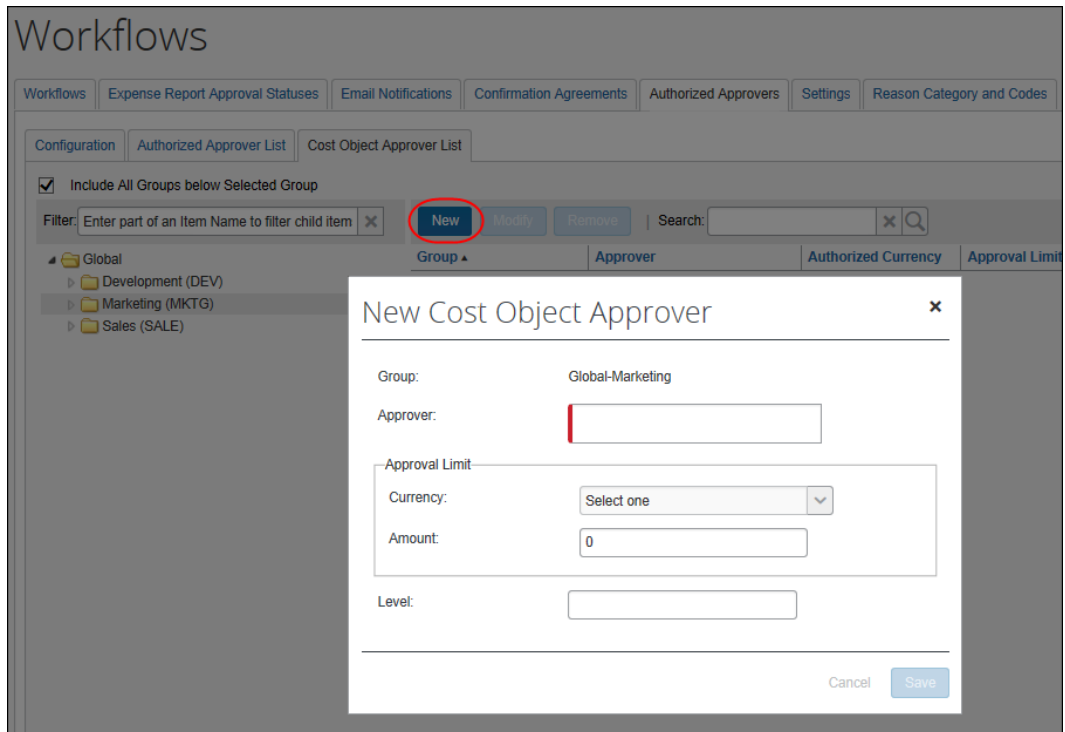
4. On the left side, expand the hierarchy.



5. Select the desired level in the hierarchy.



6. On the right side, click **New**. The **New Cost Object Approver** window appears.



7. Search for and select an approver.

NOTE: Only current Expense approvers will be available for selection.

8. Then:

- ◆ For limit-based cost object approval, select a currency and enter an amount.
NOTE: A limit must be assigned, or the approver is prevented from approving by the system.
- ◆ For level-based cost object approval, enter a level.

NOTE: The cost object configuration defines the type – either limit or level. If you complete both areas in this window – the **Approval Limit** area and the **Level** field – Concur will use the one that applies to your configuration and ignore the other.
